

भारत सरकार  
Government of India  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय  
Ministry of Environment, Forest and Climate Change  
व्याघ्र परियोजना  
Project Tiger Division  
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F. No. 4-1(32)/2021-PT

Dated the 11<sup>th</sup> June, 2021

To,

**The Pay & Accounts Officer,**  
Ministry of Environment, Forest and Climate Change,  
New Delhi.

Sub: **Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Anamalai Tiger Reserve, Tamil Nadu during 2021-22 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Anamalai Tiger Reserve, Tamil Nadu at the cost of **Rs. 506.16 Lakhs (Rupees Five Hundred Six lakhs Sixteen thousand Only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 190.14 Lakhs (Rupees One Hundred Ninety lakhs Fourteen thousand Only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India and Government of Tamil Nadu**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of Tamil Nadu.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 66.42 lakhs (Rupees Sixty Six lakhs Forty Two thousand Only)** as the 1<sup>st</sup> installment of Central Share towards the Grants-in-aid to Government of Tamil Nadu during the current financial year 2021-22. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2017, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **Anamalai Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar



categories of employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 230(12)(I).

- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- (v) The **Government of Tamil Nadu** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.
- (vi) The accounts of the **Anamalai Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1971 as amended from time to time.
- (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1971 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
- (viii) The Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- (ix) Government of Tamil Nadu in respect of **Anamalai Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2022.
- (x) **Anamalai Tiger Reserve** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored 'Project Tiger Scheme' and for the purpose it is being sanctioned.
- (xi) Grants-in-aid to **Government of Tamil Nadu** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
- (xii) Grants-in-aid shall be utilized before the end of the current financial year 2021-22 and unspent balance, if any, will be refunded by **Government of Tamil Nadu** to the **Govt. of India**.
- (xiii) Government of Tamil Nadu in respect of **Anamalai Tiger Reserve** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 230(5).
- (xiv) Grants-in-aid shall be utilized for **Anamalai Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forests and Climate Change, acting through the National Tiger Conservation Authority, Field Director (**Anamalai Tiger Reserve**) and **Government of Tamil Nadu**.
- (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
- (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
- (xvii) The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.
- (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and IDWH Schemes etc.



- (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
- (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
- (xxi) The expenditure is incurred as per the allocation of funds.
- (xxii) Payments are made by bank transfer and no cash payment is to be made.
- (xxiii) Funds for POL / maintenance of vehicles would be admissible only for the vehicles purchased from CSS funds.
- (xxiv) **Funds will not be diverted for any item other than specified herein.**
- (xxv) **Funds to be spent only on items approved in Tiger Conservation Plan (TCP).**
- (xxvi) Compensation for loss due to wildlife is to supplement the State Government fund as per the rules of State Government.
- (xxvii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.
- (xxviii) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxix) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxx) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxxi) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxxii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxxiii) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxxiv) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxv) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxvi) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxvii) All guidelines under the project is to be followed scrupulously.
- (xxxviii) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxix) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, percentage decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xl) All labour payments strictly by Direct Benefit Transfer (DBT).
- (xli) **All guidelines of Project Tiger Schemes are followed by concerned tiger reserve and Expenditure Evaluation Report on the expenditure incurred viz. proposed activities and result achieved may be furnished before release of further installments.**

4. As the annual budget of the Scheme is approved by the Central Government, the Government of Tamil Nadu is not required to furnish bond and sureties, in accordance with the Ministry of Finance O.M. No. 14(1)-EII (A)/64 dated 23.6.1965.



5. The payment sanctioned above is subject to the adjustment on the basis of the audited figures of expenditure. Other terms and conditions of the payment are as under:

- (a) The grant is in accordance with the pattern of financial assistance approved by the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

6. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines of National Tiger Conservation Authority should be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of Forests of the State Government should be directed to ensure that the field works are in accordance with the Tiger Conservation Plan and the Annual Plan of Operation by the field inspections from time to time.

7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State Government of Tamil Nadu under intimation to this Department.

8. The expenditure incurred is adjustable to the Demand No. 25 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2021-22 :

<b>Scheme</b>	<b>Budget Head</b>	<b>Amount (Rs. in lakhs)</b>
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	59.78
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	0.00
Centrally Sponsored Scheme of Project Tiger	3601.06.796.02.01.31 (TSP)	6.64
<b>Total</b>		<b>66.42</b>

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 156983/SS&FA (PG) dated 07.06.2021.

Yours faithfully,



**(Rajendra G. Garawad)**  
**Deputy Inspector General of Forests (PT)**  
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**Copy to:-**

1. The Secretary (Forests), Govt. of Tamil Nadu. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2021-22 may kindly be furnished to this Ministry at the earliest.
2. The Secretary (Finance), Govt. of Tamil Nadu.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Tamil Nadu.
4. The IGF, NTCA RO, Bengaluru.
5. The Field Director, Anamalai Tiger Reserve, Tamil Nadu.
6. The Accountant General, Tamil Nadu.
7. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



**Annual Plan Operation of Anamalai Tiger Reserve, Pollachi under CSS-Project Tiger for 2021-22**

Rs. in lakhs

S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22				Justification	
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target	Unit Cost		Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Non-Recurring (Core Zone)</b>													
<b>I Strengthening</b>													
1	Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.  Procurement of mobile phone (Android OS) for M-Stripes @ Rs.8825 / Per.No.	16.2.27	8.4.4 / 164		66 Nos	66 Nos.	5.83	5.83		10 Nos	12000	1.20	It is proposed to procure 10 Numbers of hand mobile sets to be used in the M-Stripes Programme in the Tiger Reserve. This is proposed in accordance with the advisory issued by NTCA in Letter F.No.15-17/2010-NTCA (Vol.I), Dated.21.02.2018. The mobile sets will be procured locally at about Rs.20000/- per set by following usual procedures and norms. Hence this may be allowed.
2	Procurement of Desktop for M-stripes with color printer (DD, Udumalpet - 1Nos)	16.2.28	8.4.4 / 164		1 No	1 No	0.80	0.80				--	--
3	Procurement of office (Mstripe) equipments Computer, Printer, UPS, Network infrastructure (WIFI and LAN) etc., (Computer - 3 Nos., Printer - 3 Nos., UPS - 3 Nos. Hard Disk - 3 Nos. (Pollachi - 1 No., Tiruppur - 1 No. FD office - 1 No.)	16.2.28	8.4.4 / 164							3 Nos.	285000	8.55	Documentation of the data for the All India Tiger Estimation, general Wildlife census with M-Stripes software facilities is absolutely essential using computer and other hardware components. Hence the proposed item may be allowed.
<b>III Research and field equipment</b>													
1	Day to day monitoring of wild animals Purchase of Camera Trap Batteries for grid survey @2.35 / per no.	16.1.21	9.8/294		5000 Nos.	4067 Nos	1.75	1.42		20000 Nos	40	8.00	Batteries required for Camera Traps will be procured for day to day monitoring of wild animals.
2	Purchase of new camera traps with accessories @ 20000/ per No.	16.1.21	9.8/294		200 Nos	200 Nos.	40.00	11.67		25	25000	6.25	
3	Purchase of digital Handy Camera Tiruppur - 1 No @ Rs. 50000/-)									1 No	50000	0.50	As per the latest protocol of NTCA one pair of camera trap has to be kept in 2 sqkm. ATR needs 1108 cameras for
4	Procurement of Range finder									20 Nos.	11000	2.20	completing the camera trapping in one stretch. These camera
5	Purchase of Memory Card 16 GB @ Rs.500/- (Pollachi Division - 300 Nos + Tiruppur Division - 200 Nos)									500 Nos	500	2.50	traps will be utilised for Phase IV monitoring / monsoon census / documentations of HAC habitat improvement. At present 476 cameras are available in working condition. Hence
6	Labour charges for fixing of Camera Trap for each grid @ Rs.472/- / Per day									225 MD	472	1.06	out of remaining 632 camera traps it is proposed to procure 50 camera traps this year. Further all the equipments mentioned
7	Purchase of Camera Trap safety locker @ Rs.788/- / Per Camera									200 Nos.	788	1.58	here highly required 5th cycle of All India Tiger Estimation 2022 (NTCA Lr.No.11-1/2021, dt.19.01.2021)
8	Trunk Box - @ Rs.2,000/-									20 Nos.	2000	0.40	
9	Purchase of Card Reader									10 Nos	2000	0.20	
10	Purchase of Hard Drive 5 TB									6 Nos.	20000	1.20	
<b>IV Staff Development</b>													
2	Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.15	9.7.3 / 292		235 Nos	April 2020 to March 2021	20.00	19.07		237 Nos.	LS	19.43	Project Allowance is provided as per the prescribed norms of National Tiger Conservation Authority.



S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22				Justification	
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target	Unit Cost		Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Kozhikamuthi - Topslip			10 26 44.8 76 51 02.1					10°27'19 76°49'49				
	<b>1. Udumalpet Range - 5 KM</b>												
	9/6 Check Post to Chinnar			10.449298 77.24058					10.449298 77.24 58				
	<b>2. Amaravathi Range - 5 KM</b>												
	9/6 Check Post to Chinnar -			10.449298 77.24058					10.449298 77.24058				
27	Wildlife Conservation Awareness Workshop for stakeholders Local Community, NGO's planters and others of Buffer Zone area	16.17.3	8.6.4 / 195		LS	LS	0.25	0.15		LS	LS	0.50	There is a need to sensitize the stake holders, local community about their role in the conservation of Bio diversity of Anamalai Tiger Reserve Hence workshops will be conducted on awarness of wildlife conservation / eco-tourism by utilizing the funds proposed here.
28	Workshop / Seminar with Line department for mainstreaming bio-diversity concerns.	16.17.3	8.6.4 / 195		LS	LS	0.25	0.15		LS	LS	0.25	There is a need to sensitize the line department officials to enlist their support in the conservation of Forest and Wildlife of the Tiger Reserve. Hence, workshops will be conducted for the officials of Revenue, Police, Judiciary, Animal Husbandry, Electricity Board, PWD and TANTEA. Hence the provision may be allowed.
<b>Total Non-Recurring - (Core Zone)</b>							<b>125.78</b>	<b>95.09</b>				<b>119.43</b>	
<b>Non-Recurring (Buffer Zone)</b>													
<b>I Strengthening</b>													
6	Procurment of Mobile Phone (Android OS for M-STRIPES) Tiruppur Division - 10 Nos.	16.2.27	8.4.4/173							10 Nos.	12000	1.20	It is proposed to procure 10 Numbers of hand mobile sets to be used in the M-Stripes Programme in the Tiger Reserve. This is proposed in accordance with the advisory issued by NTCA in Letter F.No.15-17/2010-NTCA (Vol.I), Dated.21.02.2018. The mobile sets will be procured locally at about Rs.20000/- per set by following usual procedures and norms. Hence this may be allowed.
<b>II Addressing man animal conflict</b>													



S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22			Justification			
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target		Unit Cost	Amount (Financial Target)	
					Target	Achievement	Target	Achievement						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Procurement of traps to catch problematic animals. Procurement of tranquilizing medicines, animal rescue tools, maintenance of rescue vehicle with rescue equipments etc., (Vandravu and Kolumam Range)	16.1.22	9.8 / 294		LS	LS	1.00	1.00		2 Nos.	10000	0.20	Under certain circumstances, the wild animal that stray outside the forest may occasionally found fallen in water bodies, open pits, wells etc. some animal fell sick and come out of the forests for asylum. In such situations they have to be rescued and proper post-rescue operations have to be undertaken. Hence this item is provided. In the buffer of ATR, the incidences of Wild animals trespassing into the nearby villages occur frequently. They often do resort to crop raiding and occasionally damage the properties of the public. This situation necessitates rescue and rehabilitation measures. It requires large man power and also the trained personnel. Hence a separate item of work has been provided. This may please be sanctioned.	
<b>III Staff Development</b>														
1	Project allowance as per the guidelines of CSS-PT all employees of staff permitted by GOI. Tiruppur Division - 22 Nos. FRO - 2 Nos. = 1000 * 12 - 24000/- Forester - 5 Nos = 900 * 12 - 54000/- Forest Guard - 11 Nos. = 700 * 12 - 92400/- Forest Watcher - 4 Nos. = 700 * 12 - 33600/-	16.15	9.7.3 / 292		20 Nos.	20 Nos.	2.00	1.59		22 Nos.	LS	2.04	Project Allowance is provided as per the prescribed norms of National Tiger Conservation Authority	
2	Provision for ration allowances to field staff Ration allowance as per the guidelines of CSS-PT for Forester, Forest Guard and Forest Watchers and APW premitted by GOI. Tiruppur Division - 20 Nos.	16.16.1	9.7.1 / 291		28 Nos.	28 Nos.	2.89	1.97		20 Nos	860 / No	2.06	Funds are required for payment of ration allowance for the staff working in buffer zone for the period from April 2021 to March 2022.	
<b>Total (Non-recurring - Buffer Zone)</b>							<b>5.89</b>	<b>4.55</b>				<b>5.50</b>		
<b>Non - Recurring - TIGER BEARING AREAS OUTSIDE TIGER RESERVE(DINDUGUL AND KODAIKKANAL)</b>														
<b>I Strengthening</b>														
Establishing Monitoring system for Tigers														
1	Camera Traps @ 20000/- Per No.	16.1.4	8.8.18/248											
2	Procurement of office equipments Laptop, Computer, UPS, FAX etc., for Forest Range Office, Oothu, KKWLS				40 Nos.	23 Nos.	8.00	4.57						
3	Conducting sensitization camps & training to staff / NGO's etc., for population estimation of tiger, its co-predators & prey. ( Kodaikanal Division)				1 No.		0.25							
4	Procurement of mobile phone (Android OS) for M-Stripes .KKWLS @ 8825/- per no.				3 Nos.		0.30				2 Nos.	10000	0.20	Population estimation of Tiger and Co-predators is being carried out every year in the tiger Reserve. The staff and the NGOs participating in the exercise have to be trained and fully updated in various scientific methods of population estimation. It is proposed to conduct Phase IV monitoring and Training sessions during 2021-22. Hence this provision is made.
V	<b>Anti-poaching Activities</b>				13 Nos.	13 Nos.	1.15	1.15						

S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22				Justification	
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target	Unit Cost		Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Maintenance field gear, night vision device. Procurement of trapping cages, devices to control and to drive back the strayed animals, driving back the crop raiding elephants, rescue of wild animals and rehabilitations etc., (Dindigul and Kodaikanal Division each 1.00 Lakh)	16.1.22	8.1.1/48		1 No.		0.75			LS	LS	0.75	In certain situations the wild animals that stray outside fall into water bodies, open pits, wells etc., Some animals fall sick and come out of the forest. In such situations they have to be rescued and proper post rescue operations have to be undertaken. Hence this item is provided.
<b>Total Non recurring (Tiger bearing areas outside tiger reserve)</b>							<b>10.45</b>	<b>5.72</b>				<b>0.95</b>	
<b>Grand Total Non recurring (Core zone + Buffer Zone + Tiger bearing Recurring (Core Zone))</b>							<b>142.12</b>	<b>105.36</b>				<b>125.89</b>	
<b>I Strengthening</b>													
1	<b>Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.</b> Conducting sensitization camps & training to staff / NGO's etc., for population estimation of tiger, its co-predators & prey. (Pollachi Division - 1 No. Rs. 25000/-)	16.2.27	8.4.4 / 162		LS	LS	0.50	0.25		2 Nos.	25000	0.50	Population estimation of Tiger and Co-predators is being carried out every year in the tiger Reserve. The staff and the NGOs participating in the exercise have to be trained and fully updated in various scientific methods of population estimation. It is proposed to conduct camps and Training sessions for this during 2020-21. Hence this provision is made.
2	Computer operator salary 3 Nos. @ of Rs.15750/- for month per No. April 2020 - March 2021 Chief Conservator of Forests and Field Director - 1 No. Deputy Director Pollachi - 1 No. Deputy Director Tiruppur division @ Rs. 0.75 lakhs each)		8.4.4 / 162		3 Nos.	3 Nos.	5.22	4.93		3 Nos.	15750	5.67	The Tiger Reserve is functioning with inadequate number of Typist and Steno Typist. It is very difficult to manage the day today office administration. Hence, the services of Computer Operators are very essential for all offices in the Tiger Reserve.
3	Procurement of Stationery and other equipments for data bank (FD, Poy and Tiruppur division @ Rs. 0.75 lakhs each)		8.4.4 / 162		LS	LS	2.25	1.68		3 Nos.	60000	1.80	For documentation of works such as Phase-IV Monitoring, M-Stripes, etc. Stationary and other equipments are essentially required. Hence this may be allowed.
4	Engaging Data Entry Operators / Qualified computer personnel for MIS and GIS applications. @ Rs. 17,850/- 1) Chief Conservator of Forests and Field Director - 1 No. 2) DD Pollachi - 2 Nos. 3) DD		8.4.6 / 167		4 Nos.	4 Nos.	8.16	8.16		4 Nos.	17850	8.56	Data Entry Operator for GIS software is required for preparation of various kinds of maps that will be helpful for better management of the Tiger Reserve 1 - CCF, Anamalai Tiger Reserve, Pollachi, 2. DD, Tiruppur, 3. DD, Pollachi. Hence it is proposed.
5	Engaging 6 Nos. of computer operator - Pollachi Range - 1 No, Valparai Range - 1 No, Manambolly Range - 1 No, Ulandy Range - 1 No, Amaravathy Range - 1 No. Udumalpet Range - 1 No		8.4.3 / 161		7 Nos.	7 Nos.	12.18	12.18		6 Nos.	15750	11.34	Anamalai Tiger Reserve comprises 2 divisions with Seven Ranges. Reports and other related documents originate in the ranges where there are no Computer Operator or supporting office staff. Hence it is proposed and this may be allowed.
6	Engaging Biologists - 4 Nos.(Poy division - 3 Nos and Tiruppur division - 1 No) Rs. 23100/- x 12 Months		8.4.5 / 166		2 Nos.	2 Nos.	5.28	5.28		2 Nos.	23100	5.54	Anamalai Tiger Reserve has rich diversity of Fauna and Flora which need to be explored and documented. To carry out this exercises the services of a qualified biologist is very much essential. It is proposed to engage one biologist each for Pollachi and Tiruppur division at a remuneration of Rs.23100/- per month. Hence this may be allowed.
<b>II Anti-poaching Activities</b>													

S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22			Justification		
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target		Unit Cost	Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Deployment of anti-poaching squads. Engaging Anti-poaching Watchers in Vulnerable areas. Salary for Existing in Pollachi Division - 30 Nos @ RS.12500 / PM	16.1.2	8.8.18 / 235		30 Nos.	30 Nos.	45.00	45.00		30 Nos.	12500	45.00	Anti-Poaching Camps have been established in sensitive areas as well as areas in interstate boundaries of the Tiger Reserve and tribal youths have been engaged as Anti-Poaching watchers to man these camps. The deployment of these squads is critical for protection of forests and wildlife. In Anamalai Tiger Reserve 138 Anti-poaching watchers were deployed in various Anti-poaching camps. The wages for 93 Anti-poaching watchers have been met from the State fund. The wages for remaining 30 Anti-poaching watchers are proposed in the Project Tiger Scheme. Hence it is proposed and this may be allowed.
2	Legal support for defending court cases. Logistic support to prosecute offenders (Pollachi Division - Rs. 0.50 Lakhs and Tiruppur Division - Rs. 0.50 Lakhs)	16.1.18	8.8.16.6 / 228		LS	LS	0.50	0.25		1 No	50000	0.50	For meeting the expenses incurred in Court Cases and prosecution of wildlife and forest offences. Several cases are also pending in High Court for which legal support is needed.
3	Legal support(Pollachi Division - Rs. 0.50 Lakhs and Tiruppur Division - Rs. 0.50 Lakhs)		8.8.16.6 / 228		LS	LS	0.25	0.15		1 No	25000	0.25	
5	Maintenance of wireless network. Engaging wireless operators for managing wireless stations -11 Nos. at Rs.11800/-Per month. (472/- per day)	16.1.8	8.8.18 / 237		11 Nos.	8 Nos.	10.22	10.01		11 Nos.	11800	15.58	There is an organized wireless network functioning in Anamalai Tiger Reserve with base stations and satellite stations in Field Director, Deputy Director, Range offices and Check posts. To ensure efficient functioning of the wireless stations it is proposed to employ wireless operators and Wireless Technician on daily wages basis. Hence this may allowed.
	<b>Pollachi Division</b>												
	1) FPS - 1 No												
	2) Valparai - 1 No												
	3) Manambolly - 1 No												
	4) Ulandy - 1 No												
	5) Pollachi -1 No												
	6) DD office - 1No												
	7) ADS Center at Rottikadai - 1 No												
	<b>Tiruppur Division</b>												
	8) Deputy Director Office - 1 No												
	9) Disaster Management Centre - 1 No												
	10) Udumalpet Range - 1No												
	11) Amaravathy Range - 1 No												
6	Engaging Wireless Technician on contract basis @ 25000/- per month.				1 No.		3.00						
7	Maintenance of existing wireless sets/repeater,etc.,				LS	LS	1.00	0.50					
8	Organizing surprise raids jointly with the local police( in railway stations, local trains, bus-stops, buses, catchers and cafeteria.) Establishment of highway patrolling squads FPS - 1 No @ Rs. 383800/-, Deputy Director, Poy - 2 Nos. Tiruppur Division - 3 Nos.	16.1.9	8.1.3 / 113		3 Nos.	3 No.	10.46	10.44		3 Nos.	383800	11.51	Pollachi - Valparai state high way traverses through Reserve Forest area of Anamalai Tiger Reserve. Further Coimbatore, Dindigul National high way is nearer to Tiger Reserve area in several locations. Regular patrolling is very much necessary for effective protection, monitoring to prevent any illegal activities. Further a very important issue often associate the with protected area because of human pressures around them is the problem of raods and road kills of wildlife. Hence, this item is highly essential.
	<b>Pollachi Range</b>												
	1. Tata Spacio												
	<b>Valparai Range</b>												
	1. Mahendra Tahr												
	<b>Tiruppur Division</b>												
	1. DD, Udumalpet												
	<b>Udumalpet Range</b>												

S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22				Justification		
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target	Unit Cost		Amount (Financial Target)	
					Target	Achievement	Target	Achievement						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	1. Bolero													
	<b>Amaravathy Range</b>													
	1. Sumo													
	Cost of the fuel 150 Ltrs Per Vehicle @ Rs.90/- Per ltr / Month for 6 Vehicles													
	<b>Salary for Driver 6 Nos @ Rs.656 Per Day</b>													
	Maintenance of Vehicle, Tyre re trading, Insurance, etc., (Rs. 0.25 Lakhs for each Vehicles)													
9	<b>Rewards to informers.</b> Secret service fund (information, Intelligence, reward & awards) (Pollachi Division - 0.50 lakhs, Tiruppur Division - Rs. 0.50 lakhs, FPS - Rs.0.25 lakhs)	16.1.17	8.8.17 / 232		LS	LS	0.25	0.25		1 No	25000	0.25	To encourage informants and Field Staff in the detection of offences and intelligence gathering, it is essential to pay Rewards and Awards to the eligible persons. Hence, it is proposed.	
10	Provision for rewards to field staff (Pollachi Division - 0.50 lakhs, Tiruppur Division - Rs. 0.50 lakhs)		9.9 / 294		LS	LS	0.10	0.10		1 No	25000	0.25		
<b>III Strengthening</b>														
1	<b>Maintenance of fire lines and firebreaks.</b> Annual maintenance of fire lines including the block lines 200 kms - 6 Mtr Width. @ Rs.13489 / km. for Pollachi Rs.13489/- and Rs.13249/- for Tiruppur Division the year of 2021-2022 (Pollachi division - 150 Km and Tiruppur division - 50 Km)	16.2.15	8.3.27 / 157		120 KM	120 KM	14.26	14.26		120 Km	13489 (Poy) / 13249 (Tpr)	16.18	The existing firelines need to be maintained every year in order to control fire, fight fire by setting counter fire from these fire lines, etc. These fire lines are cleared along the roads, trekking paths, bridle paths, so that they will serve for both the purposes. Hence this item may be sanctioned.	
	<b>Pollachi Range</b>													
	Gopalswamy Malai Beat				10.502943 77.01195				10°30'47.59 77° 2'23.18					
	Parhuthiyur Beat				10.566522 77.012313				10.566522 77.012313					
	Aliyar Beat				10.48300 76.99510				10.48300 76.99510					
	<b>Ulandy Range -</b>													
	Topslip to Ulandy Vally Road				10.38288 76.87393				10.38288 76.87393					
	Varagaliyar to Chinnar -				10.41782 76.86567				10.41782 76.86567					
	Parai to Ealakaiparai				10.4171 76.88003				10.4171 76.88003					
	Ambulli illam to Murungamarathu Parai				10.45340 76.86911				10.45340 76.86911					
	Kariyan Sholai to Pandaravarai				10.49911 76.83110				10.49911 76.83110					
	<b>Valparai Range</b>													
	Attakatty to waterfalls				10°26'29.1" 76°59'7.1"				10°26'29.1" 76°59'7.1"					
	Thandakaran line to 22HPB				10.4210833 76.9928888									
					10°25'52" 76°59'21"				10°25'52" 76°59'21"					
					10.4350555 76.990861									

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	22HPB to waterfalls(pipe line)			10°25'54" 76°59'20"					10°25'54" 76°59'20"				
	Kadamparai arch to kadamparai power house			10.421611 76.995027					10°24'45.4" 77°21'1.4"				
	<b>Manamboly Range</b>												
	Highforest estate boundary to 8 no kudi			10.24840 76.90500					10.24840 76.90500				
				10.23579 76.92827					10.23579 76.92827				
	manthry mattam APW Camp to 10 adi Palam			10.24840 76.90500					10.24840 76.90500				
				10.386838 76.916694					10.386838 76.916694				
	<b>Amaravathi Range</b>												
	Chinnar to Kadavarai			10.351611 77.220527					10.351611 77.220527				
				10.227194 77.261722					10.227194 77.261722				
	Kadavarai to Range border			10.227194 77.261722					10.227194 77.261722				
				10.319611 77.327027					10.319611 77.327027				
	<b>Udumalpet Range</b>												
	Pothumalai to Chinnar			10.31136 77.09328					10.31136 77.09328				
				10.354599 77.218513					10.354599 77.218513				
	Pothumalai to Nallar			10.30636 77.096528					10.30636 77.096528				
									10.31136 77.09328				
2	<b>Maintenance of fire lines and firebreaks.</b> Annual maintenance of fire lines including the block lines 49 kms - 6 Mts Width. Pollachi division - 49 Km for the 2020-2021	16.2.15	8.3.27 /157		120 KM	71 KM	15.06	8.91		49 Km	12550	6.15	An amount of Rs.15.06 lakhs has sanctioned for annual maintenance of fire line 120 KM and expenditure incurred 71 KM for Rs.8.909 lakhs and remaining amount for Rs.6.151 lakhs for 49 KM incurred form the foundation due to restrictions of the sanctioned under 2nd instalment during 2020-21. Hence the provision is made to reimburse to the foundation.
	<b>Manambolly Range</b>												
	Shekkalmudi to Manambolly Rest House			10 20'42.0" 76 50'11.0"					10°20'42.0" 76°50'11.0"				
	Sheikalmudi Estate Boundary to Palaganar Settlement Viz. Paraikkai			10 20'42.0" 76°49'41.23"					10°20'42.0" 76°49'41.23"				
	<b>Valparai Range</b>												
	Attakatty beat, Upper Aliyar beat, Punachi beat,			10 21 17'.5" 76 52 30.1"					10°21 17' 5" 76°52 30.1"				
	<b>Pollachi Range</b>												
	Pachathane Beat and Ayerangal beat			10 20'42.0" 76 50'11.0"					10°20'42.0" 76 50'11.0"				
	Gopalsamy Malai and Paruthiour			10 34 47 35 77 02 22 80					10 34 47 35 77 02 22 80				

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	<b>Ulandy Range</b>												
	Ambulli illam to Murungamarathu Parai Startng Point			10019'37.0" 76 51'00.3"					10 19'37.0" 76 51'00.3"				
	<b>Amaravathi Range</b>												
	Chinnar to Kadavarai			10.351611 77.220527									
				10.2271944 77.261722									
	Kadavarai to Range border			0.227194 77.26172									
				10.319611 77.327027									
	<b>Udumalpet Range</b>												
	Pothumalai to Chinnar			10.31136 77.09328									
				10.354599 77.218513									
	Pothumalai to Nallar			10.30636 77.096528									
				10.31136 77.09328									
3	Engaging Fire Protection watchers @ Rs. 396 / days / 25 Days per month during December 2019 to March 2020 (1) Pollachi Division - 4000 Mandays	16.2.15	8.3.6.2/147		6000 MD	2000 MD	23.76	7.92		2000 MD	396	7.92	This provision was sanctioned during 2019-2020 but funds were not received as 2nd installment. However expenditure has been incurred from Foundation. Sanction also accorded during 2020-21 for reimbursement to Foundation and an amount of Rs.7.92 lakhs only reimbursed to the foundation. Remaining amount Rs.15.84 lakhs not reimbursed due to restrictions of the sanction in the 2nd instalment of 2020-21. Hence now this provision is sought for reimbursement.
	Pollachi Range - 1000 Mandays												
	Ulandy Range - 1000 Mandays												
	Valparai Range - 1000 Mandays												
	Manambolly Range - 1000 Mandays												
4	Engaging Fire Protection watchers @ Rs. 472 / days / 25 Days per month during December 2021 to March 2022 Pollachi Division - 4000 Mandays	16.2.15			6000 MD	6000 MD	25.56	23.43		6000 MD	472	28.32	Fire Watchers are necessary to carry out fire protection activities. 6000 mandays will be generated through engaging fire watchers for a period of 4 months for detection and controlling of wild fires. This item is necessary to meet out the expenditure towards payment of wages to the fire protection watchers. The local tribals who have a fairly good knowledge of the terrain would be employed for this purpose.
	Tiruppur Division - 2000 Mandays												
	Pollachi Range - 1000 Mandays												
	Ulandy Range - 1000 Mandays												
	Valparai Range - 1000 Mandays												
	Manambolly Range - 1000 Mandays												
	Udumalpet Range - 1000 Mandays												
	Amaravathy Range -1000 Mandays												
5	Additional Fuel, maintenance of vehicles used for anti-poaching activities, fire protection, Highway patolling interstate meetings etc	16.2.15	8.3.23 / 154		10 Vehicles	9 Vehicles	6.20	6.06		21 Nos.	21 Vehicles / 50 Ltr/ Month @ Rs. 90 & Maintenance Charge LS 0.10 Lakhs	13.44	The existing ceiling available to the department vehicles is inadequate to perambulate the entire 958 sq.km. of Core area especially the inaccessible and vulnerable areas. Hence, additional fuel for department vehicles is necessary for conducting anti poaching activities, fire protection, highway patrolling interstate joint patrolling and for other unforeseen works. Hence it is proposed.
	Field Director - 1 No, FPS - 1 No.												
	<b>DD, Pollachi Division - 15 Nos.</b>												
	Pollachi Range												
	Ulandy Range												
	Valparai Range												
	Manambolly Range												
	DFO & DD, Tiruppur Division - 1 No.												

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	ACF & AD, Tiruppur Division - 1 No. Udumalpet Range - 1 No. Amaravathy Range - 1 No.												
6	Fire Watchers @ Rs 472 / Mandays for 4 months from December 2021 to May 2022 - 4000 Mandays.(Pollachi - 40000 Mandays and Tiruppur division - 2000 Mandays) Pollachi Range - 1000 MD Ulandy Range - 1000 MD Valparai Range - 1000 MD Manamboly Range - 1000 MD Udumalpet Range - 1000 MD Amaravathy Range - 1000 MD	16.2.15	8.3.6.2/147		3000 MD	3000 MD	11.88	11.88		3000 MD	472	11.88	Fire Watchers are necessary to carry out fire protection activities. 6000 mandays will be generated through engaging fire watchers for a period of 6 months for detection and controlling of wild fires. This item is necessary to meet out the expenditure towards payment of wages to the fire protection watchers. The local tribals who have a fairly good knowledge of the terrain would be employed for this purpose.
9	Fire line clearing at 6mtr width (Pollachi division 150 Km and Tiruppur - 50 Km) for the year 2021-2022 <b>Pollachi division</b> Pollachi Range Ulandy Range Manambolly Range Valparai Range <b>Tiruppur Division</b> <b>Udumalpet Range -</b> 9/6 Check Post to Chinnar Kulipatti to Mavadappu Kodanthur to Attumalai Kulipatti to Kurumalai Ponnalman Solai to Pochakottamparai <b>Amaravathi Range -</b> Manjampatti to Manalaru Thalinjivayal - RF Boundary line	16.2.15	7.2.1.10/30		150 KM	100 KM	18.83	18.83		150 KM	13489 Poy Div / 13249 Tpr Div.	20.11	Anamalai Tiger Reserve having a large dry deciduous bamboo tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work are very much needed, which will help in preventing major fire in Bamboo area and various pocket Sholas. Hence this is proposed.

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Manjampatti RF			10.31139 77.25207 10.31961 77.32703 10.26881 77.32619					10.31139 77.25207 10.31961 77.32703 10.26881 77.32619				
10	Maintenance of (patrolling camp, culverts). Providing camouflage dress and gears, Kit, Ruck sack, torch, Chargers, medical aid kit, Shoes, etc., existing Anti-poaching camp and new APCs for 140 @ 5000/- unit (Pollachi Division - 90 Nos. and Tiruppur division - 50 Nos.)	16.2.1.2	8.8.18 / 233		140 Nos.	140 Nos.	7.00	7.00		140 Nos	6000	8.40	Anamalai Tiger Reserve has 140 APWs who are regularly doing patrolling, interior camping and combing operations in remote forest area. To facilitate these activities and to ensure effective protection, the Anti-poaching watchers have to be equipped with necessary tools and kits. Hence this item is necessary.
11	Establishing and maintenance of patrolling camps, deployment of camp labourers and cost of fuel etc., (2000 MD x Rs. 472/- = 9.44 Lakhs) Fuel (350 x 90 = Rs.0.315 and Rs.0.05 for Oil and Lubricants) Pollachi - 1400 Mandays and Tiruppur division - 600 Mandays	16.2.1.2	8.8.16.5 / 226		2000 MD		8.82			2000 MD	472	9.81	To prevent poaching incidents in the Tiger Reserve, effective protection measures are taken up to protect the Tiger and its co-predators and other wild animals in the Tiger Reserve. Anti-poaching squads assist the regular field staff in the perambulation of vulnerable area to monitor the movement of anti-social elements and also to monitor the status and abundance of wild animals.
46	Maintenance of Hardware. Maintenance of office equipments like Xerox machine, FAX machine, cell phones, Computers, power supply units, batteries, solar lights, oil engine and generators and Stationary etc., (FD Office - 0.25 Lakhs, Pollachi Division - 0.25 lakhs Tiruppur Division -0.25 Lakhs)	16.2.21	8.6.17 / 199		LS	LS	0.75	0.75		3 Nos	25000	0.75	Maintenance of the equipments like Xerox machine, FAX machines, Computers, Power supply units, batteries, etc., already procured is very essential to avoid additional expenditure for the procurement of new ones. Hence, this provision is essential.
47	Cost of office stationaries and other essential office items etc., (FD Office - 0.25 Lakhs, Pollachi Division - 0.25 lakhs Tiruppur Division -0.25 Lakhs)	16.2.21	8.6.17 / 199		LS	LS	0.50	0.50		3 Nos.	25000	0.75	The stationary is essentially needed for collection of data, preparation of documents and for day today office work etc., it is also proposed to purchase Hard Disk, Wrapper Sheet, Flag, Scribbling pad, Pen, Pencil, Cloth office cover.
<b>IV</b>	<b>Mainstreaming wildlife concerns</b>												
1	Wildlife concerns Monitoring of wild animals. Engaging Tiger / Elephant / Nilgiri Tahr / LTM trackers - Pollachi, Valparai, Manambolly and Ulandy Ranges @ Rs.472/ per day (Pollachi division - 6 Nos Tiruppur - 4 Nos)	16.10.3	8.8.15.2 / 215, 226		10 Nos.	10 Nos.	12.78	12.78		10 Nos.	11800	14.16	It is necessary to engage the tribal watchers for tracking the Tiger / Elephant / Nilgiri Tahr / LTM movement to avoid man-animal conflict by driving them away from human habitation areas and road sides whenever they stray in to the area. These persons have been engaged for the past several years due to which the incidence of poaching and mitigation of Human - Animal Conflict has been substantially reduced in the Tiger Reserve. Hence, provision is required for payment of wages to the persons engaged.



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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2	Engaging temporary tribal Mazdoors on daily wages for cavady for department Elephants in Ulandy Range for April 2021 to March 2022 @ Rs.16,800 per month for 22 Nos. @ Rs.672/ day for 25 days.	16.10.3	9.7.6 / 293		19 Nos.	19 Nos.	36.48	36.48		19 Nos.	16800	38.30	At present there are 27 Nos of Elephants to run the camps. Most of the permanent Cavadies posts are vacant for a long time and temporary Cavadies are being engaged for the camps. This work requires special skill unlike other works and only tribals will be engaged for this job. This item is therefore very essential.
3	Prophylactic measures for cattle in buffer and Tribal Settlement areas and also vaccination for canine distemper to the stray dogs and cats in settlement areas. (POY-0.50 TRIPPUR CORE 1.50)	16.10.3	8.8.27 / 249		LS		1.00						
4	Anti-depredation Watchers for driving back the wild animals during crop raiding or strayed animals including rescue & rehabilitation of all animals at Rs.472 /- Per day / Manday - Tiruppur Division Pollachi - 3600 MD Tiruppur - 1200 MD	16.10.3	8.1.7.3 / 125		4800 MD	4800 MD	20.45	20.45		4800 MD	472	22.66	During monsoon and migration time the elephants commonly move to the patta fields abutting the core area and cause damage to public property and sometime cause loss of human life also. Valparai area is prone to wild animal conflicts. Mitigation strategy will be helpful in keeping wild animals inside RF and saving from major untoward incidences. Hence in order to mitigate this problem, this provision is required to meet out the expenditure.
<b>V</b>	<b>Habitat Improvement</b>												
5	<b>Weed eradication</b> Opening up habitat by removal of exotic weed for improving regeneration of native species and grass growth ( Pollachi division - 15 Ha @ Rs. 31012/- and Tiruppur division -35 ha @ Rs. 30461/-)	16.3.1	7.2.1.5 / 21		25 Ha		8.11			50 Ha	31012 (Poy) / 30461 (Tpr)	15.31	The invasion of Lantana, Eupatorium and Parthenium in the Tiger Reserve has covered most of the forage area and this has degraded the grazing ground for herbivores. It is proposed to maintain the habitat with regeneration of indigenous species by clearing exotic weeds in Anaimalais in a phased manner. This will also create better conditions for the prey base that can support good carnivore population in future. It is one of the most important components to enhance tiger population. This item has been provided in the approved Tiger Conservation Plan for Anamalai Tiger Reserve. Hence it is very essential.
	<b>Pollachi Range</b>												
	1. Pothamadai Beat			10° 22' 24.85" 76° 51' 40.97"					10° 22' 24.85" 76° 51' 40.97"				
	2. Ayerangal Beat			10° 19'58.36" 76° 50' 11.72"					10° 19'58.36" 76° 50' 11.72"				
	3. Mankarai Beat			10° 15' 08.49" 76° 56'02.73"					10° 15' 08.49" 76° 56'02.73"				
	4. Aliyar Beat			10° 18'09.67" 77° 01'46.52"					10° 18'09.67" 77° 01'46.52"				
	5. Villonie Beat												
	<b>Ulandy Range</b>												
	6. Topslip Beat			10 28'34.09" 76 54'55.56					10 28'34.09" 76 54'55.56				
	7. Chinnar Beat			10. 453993 76. 998755					10. 453993 76. 998755				
	<b>Valparai Range</b>												
	8. Iyer Padi Beat			10. 28'14.95" 76 57'24.29"					10. 28'14.95" 76 57'24.29"				
	9. Kavarkal Beat			10.2819 76.5042					10.2819 76.5042				

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	10. Attakatty Beat			10.282 76.5043					10.282 76.5043				
	<b>Manambolly Range</b>												
	11. Manambolly Beat			10.23'48" 77.02'38"					10.23'48" 77.02'38"				
	12. Periya Kallar Beat			10.22'50" 76.57.1"					10.22'50" 76.57.1"				
	<b>Udumalpet Range</b>												
	1. Esalthittu East beat			10.26'31" 76.59'8"					10.23'2" 77.02'55"				
	2. Kombu West			10.26'31" 76.59'8"					10.26'31" 76.59'8"				
	3. Vandal			10.37019 77.20286					10.37019 77.20286				
	4. Kurumalai			10.44783 77.19250					10.44783 77.19250				
	5. Kulipatty			10.425708 77.066743					10.42571 77.06674				
	6. Karattur			10.426783 77.098344					10.42678 77.09834				
	7. Thirumoorthis malai			10.431634 77.098703					10.43163 77.09870				
	8. Vallakunda puram			10.469173 77.073133					10.46917 77.07313				
	<b>Amaravathi Range</b>												
	1. Manjampatti North			10.464459 77.146287					10.464459 77.146287				
	2. Manjampatti South			10.487618 77.110575					10.487618 77.110575				
	3. Thalinji West			10.27267 77.29342					10.27267 77.29342				
	4. Kombu East			10.440261 77.46936					10.44026 77.46936				
	5. Moongilpallam			10.27878 77.26797					10.27878 77.26797				
	6. Amaravathi			10.37936 77.22130					10.37936 77.22130				
	7. Moongilpallam			10.30935 77.31900					10.30935 77.31900				
	8. Amaravathi			10.416645 77.273958					10.41665 77.27396				
6	Further maintenance of 2019-20 areas in light jungle growth 75 Ha @ Rs.16862/- for Pollachi Division, Rs.16562/- for Tiruppur Division.	16.3.1	7.2.1.5 / 21		25 Ha.			3.78		75 Ha.	16600	12.57	The gregarious growth of bushes and thickets has to be removed for subsequent year to entirely banish them from the grazing grounds. Hence this provision is made.
	<b>Pollachi Range - 14 Ha.</b>												
	1. Villonie Beat			10.48300 76.86050					10.48300 76.86050				
	2. Navamalai Saragam			10.44500 76.98170					10.44500 76.98170				
	3. Mangarai beat Beat			10.47450 76.90600					10.47450 76.90600				

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	<b>Ulandy Range - 12 ha.</b>			10.47786 76.84916					10.47786 76.84916				
	1. Topslip Beat, Paruthikadu			10.43089 77.01233					10.43089 77.01233				
	2. Kannadi bunglow Saragam Bit - II			10.27103 76.49534					10.27103 76.49534				
	<b>Valparai Range - 12 Ha</b>			10°25'58.6" 77°0'47.8"					10°25'58.6" 77°0'47.8"				
	1.Nedunkundru Bit - 2			10.38517 76.94572					10.38517 76.94572				
	2. Upper Aliyar			10.43089 77.0123					10.43089 77.0123				
	<b>Manambolly Range - 12 Ha</b>			10 22' 20.36" 76 51 55.29"					10 22' 20.36" 76 51 55.29"				
	1. Thekkamparai -			10.36330 76.92960					10.36330 76.92960				
	2. Manambolly			10.38740 76.91770					10.38740 76.91770				
	<b>Udumalpet Range - 12.5 Ha.</b>												
	1. Kombu West			10.36038 77.22056					10.36038 77.22056				
	2. Esalthittu East			10.41811 77.23625					10.41811 77.23625				
	<b>Amaravathi Range - 12.5 Ha.</b>												
	3. Manjampatti			10.27422 77.29319					10.27422 77.29319				
	4. Thalinji			10.27744 77.27067					10.27744 77.27067				
<b>VI</b>	<b>Maintenance of Tiger Safari, interpretation and awareness centres under the existing component of co-occurrence agenda in buffer and fringe</b>												
1	Improvement and Maintenance of Monkey	16.21.2	8.6.4/207	10.45771	LS	LS	1.00	1.00					
<b>Total Recurring (Core Zone)</b>							<b>320.58</b>	<b>269.42</b>				<b>333.46</b>	
<b>Recurring (Buffer Zone)</b>													
<b>I</b>	<b>Anti-poaching Activities</b>												
1	Deployment of anti-poaching squads. Engaging Anti-poaching Watchers in Vulnerable areas in Vandharavu and Kolumam Range. @ 10 nos per beat @ Rs.12500/-	16.1.2	8.2.5 / 117		10 Nos.	10 Nos.	15.00	11.50		10 Nos	12500	15.00	Anti-Poaching Camps have been established in sensitive areas as well as areas in interstate boundaries of the Tiger Reserve and tribal and local youths have been engaged as Anti-Poaching watchers to man these camps.
<b>III</b>	<b>Strengthening</b>												
1	<b>Creation of lines and Fire breaks</b> Annual maintenance of fire lines 52 kms. @ Rs.5550 / km. of 6 meter width for the year 2021-22	16.2.14	8.2.3 / 112		50 KM	50 KM	2.78	2.78		52 kms	5550	2.88	150 Sq.Km of Kodaikanal Wildlife Sanctuary has taken over during Oct-2019 and under the control of ATR. This area having a large dry deciduous and wattle tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work are very much needed, which will help in preventing major fire in wattle area and various pocket Sholas. Hence this is proposed.
	<b>Kolumam Range -30</b>												
	Valasu Karuppasamy kovil to Kombuthurai - 5 km			10 29 4.2 77 22 51 10 21 29.8 77 21 47.8					10 29 4.2 77 22 51 10 21 29.8 77 21 47.8				

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		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target		Unit Cost	Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Kombuthurai to Kalapattaru - 5 km			10 21 30 77 21 48					10 21 30 77 21 48				
				10 19 19 77 20 59					10 19 19 77 20 59				
	Kalapattaru to estate - 3km			10 19 12 77 21 3					10 19 12 77 21 30				
				10 18 53 77 21 6					10 18 53 77 21 60				
	Pachaiyaru to Kombuthurai - 5 km			10 22 6 77 24 33					10 22 6 77 24 33				
				10 21 22 77 21 36					10 21 22 77 21 36				
	Kookal lake to Poothakanal - 1km			10 17 14.11 77 21 35.28					10 17 14 77 21 35				
				10 17 38.95 77 21 40.12					10 17 38.9 77 21 40.122				
	Veppilaivayal to sethattupatti -2km			10 21 57 77 27 20					10 21 57 77 27 20				
				10 21 13 77 20 15					10 21 13 77 20 15				
	Estate to Veppalai oodai - 5km			10 18 40 77 21 26.0					10 18 40 77 21 26.0				
				10 18 46 77 22 17					10 18 46 77 22 17				
	Nava oothu to Setti kuththaan- 5km			10 21 10 77 24 43					10 21 10 77 24 43				
				10 20 39 77 23 40					10 20 39 77 23 40				
	Uppuman oodai to Erattapaali - 1.5km			10.391517 77.398903					10.39151 77.39890				
				10.387648 77.402886					10.38764 77.40288				
	Sethattupatti to Karpaganatha Samy Solai - 2.5 km			10.19255 77.224785					10.19255 77.22478				
				10.1849 77.2217					10.1849 77.2217				
	Periyathurai to Valakattusolai -5km			10 20 21 77 21 14					10 20 21 77 21 14				
				10 19 36 77 20 21					10 19 36 77 20 21				
	Manguli to Varavandi -5km			10 23 2.7 77 18 55.0					10 23 2.7 77 18 55.0				
				10 21 30.4 77 18 57.3					10 21 30.4 77 18 57.3				
	karumpaaraai to Velamadai -5km			10 24 31.1 77 20 16.2					10 24 31.1 77 20 16.2				
				10 22 18 77 20 51					10 22 18 77 20 51				
	<b>Vandaravu Range - 22 km</b>												
	Panthar to Kadavarai - 13.5 km			10 8 20 77 16 29					10 8 20 77 16 29				

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		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target	Unit Cost		Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Poondi Kulam to Ibex - 8.50 km			10 12 48 77 17 21					10 12 48 77 17 21				
				10 8 8 77 18 31					10 8 8 77 18 31				
				10 8 55 77 19 27					10 8 55 77 19 27				
2	Creation of fire lines 30 kms. @ Rs.13249 / km. 6 meter width 2021-22 <b>Kolumam Range</b> Kombuthurai to vaniyampaarai  Nagamma kovil to Sarangatti  Sambodai to Varavandi  Kotakanavai to netupali  Kaluthaioodai to kombuthurai  Mamaraththurai to Pulichsama oodai  Varapaathai to Navaooththu Kombuthurai to Seththattupatti  <b>Vandaravu Range</b> Ibex to Panthar  Kadavarai to Poondi	16.2.15	8.3.6.1/157		50 KM	50 KM	6.28	6.28		30 kms	13249	3.97	150 Sq.Km of Kodaikanal Wildlife Sanctuary has taken over during Oct-2019 and under the control of ATR. This area having a large dry deciduous and wattle tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work are very much needed, which will help in preventing major fire in wattle area and various pocket Sholas. Hence this is proposed.
				10 29 4.2 77 22 51					10 29 4.2 77 22 51				
				10 21 29.8 77 21 47.8					10 21 29.8 77 21 47.8				
				10 21 30 77 21 48					10 21 30 77 21 48				
				10 19 19 77 20 59					10 19 19 77 20 59				
				10 19 12 77 21 3					10 19 12 77 21 3				
				10 18 53 77 21 6					10 18 53 77 21 6				
				10 22 6 77 24 33					10 22 6 77 24 33				
				10 21 22 77 21 36					10 21 22 77 21 36				
				10 17 14.11 77 21 35.280					10 17 14.11 77 21 35.280				
				10 17 38.954 77 21 40.122					10 17 38.954 77 21 40.122				
				10 21 57 77 27 20					10 21 57 77 27 20				
				10 21 13 77 20 15					10 21 13 77 20 15				
				10 18 40 77 21 26.0					10 18 40 77 21 26.0				
				10 18 46 77 22 17					10 18 46 77 22 17				
				10 8 55 77 19 27					10 8 55 77 19 27				
				10 8 23 77 16 29					10 8 23 77 16 29				
				10.216447 77.29513					10.216447 77.29513				
				10 10 51 77 19 33					10 10 51 77 19 33				
3	Engaging Fire Protection watchers @ Rs.472 / days / 25 Days per month during December 2021 to March 2022 - 500 Mandays Vandaravu Range -250 MD Kolumam Range - 250 MD	16.2.15	8.3.6.1/157							500 Mandays	472	2.36	150 Sq.Km of Kodaikanal Wildlife Sanctuary has taken over during Oct-2019 and under the control of ATR. This area having a large dry deciduous and wattle tract faces annual fires. Precautionary measures such as engaging fire watchers cutting fire lines, fire line tracing work are very much needed, which will help in preventing major fire in wattle area and

S.No	Item of Work	Para No.		Previous Year APO 2020-2021				Current Year APO 2021-22			Justification		
		CSS PT Guidelines	TCP	Location / GPS Coordinates	Physical		Financial		Location / GPS Coordinates	Physical Target		Unit Cost	Amount (Financial Target)
					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
4	Engaging Fire Protection watchers @ Rs.472 / days / 25 Days per month during December 2021 to May 2022 Vandaravu Range -1250 MD Kolumam Range - 1250 MD	16.2.15	8.3.6.1/157							500 Mandays	472	2.36	Various pocket Sholas. Hence this is proposed.
5	Additional Fuel, maintenance of vehicles used for anti-poaching activities, fire protection, Highway patrolling interstate meetings etc., Vandaravu Range - 1 No. Kolumam Range -1 No	16.2.15	8.3.6.1/157		2 Nos		0.84			2 Vehicle / 50 Ltr	100 Ltr	1.20	The existing fuel ceiling for the department vehicles is inadequate to perambulate the entire forest area. Hence, additional fuel for department vehicles is necessary for conducting anti poaching activities, fire protection, highway patrolling interstate joint patrolling and for other unforeseen works. Hence it is proposed.
3	<b>Wildlife concerns Monitoring of wild animals.</b> Engaging Elephant / Tiger tracking watcher @ Rs.472/ per day	16.10.3	8.2.1 / 109		1200 MD	1200 MD	5.11	5.11		1200 Mandays	472	5.66	To watch the movements of wild animals and to warn the farmers in fringe areas and to drive the wild animals back into the forests.
4	Engaging Computer operator - 2 nos (Vandaravu & Kolumam Range)	16.10.3	10.7.3 / 145		2 Nos.	2 Nos.	3.48	3.48		2 Nos	15750	3.78	An area of 150 km2 of buffer zone has been taken over from Kodaikannal Wildlife sanctuary during September-2019. This area needs to be protected by equipping the two Ranges with basic facilities; hence this provision is proposed.
5	Engaging Driver - 2 Nos (Vandaravu & Kolumam Range) 656/ per day	16.10.3	10.7.3 / 145		2 Nos.	2 Nos.	3.45	3.45		2 Nos	16400	3.94	An area of 150 km2 of buffer zone has been taken over from Kodaikannal Wildlife sanctuary during September-2019. This area needs to be protected by equipping the two Ranges with basic facilities; hence this provision is proposed.
<b>V</b>	<b>Phase IV Monitoring</b>												
1	Eight Day Protocol for All India Tiger Estimation 2018 (Phase I Data Collection) 2 Km Transect Clearing and Marking Starting Point, 400M, 800M, 1200M, 1600M, 2000M Ending POINTS Conducting Phase IV monitoring during summer and monsoon 13 beats	16.10.3	8.2.4 / 114		2 Nos.		1.00			2 Nos.	10000	0.20	Population estimation of Tiger and Co-predators is being carried out every year in the tiger Reserve. The staff and the NGOs participating in the exercise have to be trained and fully updated in various scientific methods of population estimation. It is proposed to conduct Phase IV monitoring and Training sessions during 2021-22. Hence this provision is made.
2	Clearing transect Lines 13 x 2 Kms (26 KM) @ Rs.1000/per Km				264 KM		2.64			26 KM	1000	0.26	
3	paint marking the sampling points and transect line @ Rs. 150 / transect				116 lines		0.17			13 Nos.	150	0.02	
4	Food provision for 8 Days protocol census expenses 2 Volunteers				LS		1.00			LS	300	0.60	
5	Printing of Census Data Book twice in a year @ Rs.100/-				500 Books		0.50			152 Books	100	0.06	
6	Fuel, Equipments, Stationaries etc., for Census operation				LS		2.00						
<b>Total Recurring (Buffer Zone)</b>							<b>44.25</b>	<b>32.59</b>				<b>42.29</b>	
<b>Recurring - TIGER BEARING AREAS OUTSIDE TIGER RESERVE</b>													
<b>I</b>	<b>Anti-poaching Activities</b>												
<b>II</b>	<b>Strengthening</b>												
2	Fire Watchers @ Rs. 472 / Mandays for 6 month from December 2021 to May 2022 - 1000 Mandays.									500 Mandays	472	2.36	Engaging fire watchers is very essential for fire control during summer season. Hence this item of work proposed.

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					Target	Achievement	Target	Achievement					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Kannivadi Range												
	Oddanchatram Range												
	Batlagundu Range												
IV	<b>Habitat Improvement</b>												
1	<b>Water retention structures</b> Supply of water to the wild animals during pinch period 3 Units per range @ Rs.6000 / per unit / for 4 months DGL DIVISION				3 Unit x 3 Nos. x 4 Months	3 Unit x 3 Nos. x 4 Months	1.80	1.80		3 Units X 3 Nos x 4 months	6000	2.16	Due to Failure of South-West and North-East monsoon during 2019-20, acute dry condition is prevailing. Already there is scarcity of water in the RF areas. Hence, it has been decided to supply water and fill it in the ponds and water troughs for the benefit of the animals until we receive rains in the next monsoon. Hence this item is proposed.
<b>Total Recurring (Tiger Bearing Areas Outside tiger reserve)</b>							<b>1.80</b>	<b>1.80</b>				<b>4.52</b>	
<b>Total Recurring Core Zone + Buffer Zone + Tiger Bearing Areas Outside TR</b>							<b>366.63</b>	<b>303.81</b>				<b>380.27</b>	
<b>Total Non Recurring + Recurring</b>							<b>508.75</b>	<b>409.17</b>				<b>506.16</b>	

Sl No	Items	Sanction	Central Assistance
1	Non Recurring (60%)	125.89	75.53
2	Recurring (50%)	380.27	190.14
	Total	506.16	265.67

Cost of APO including State's share	A	506.16
Center's share in APO	B	265.67
1st release @ 25% of Center share	C	66.42
Less: Unspent balance FY 2020-21	D	
Adjusted first release	E=C-D	66.42
Balance of Central share to be release	F=0.75*B	199.25